

PTO/SB/08A (08-03)

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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2

Complete If Known

Application Number	6,301,967
Filing Date	Filed herewith
First Named Inventor	Dimitri M. Donskoy, et al.
Art Unit	To be assigned
Examiner Name	To be assigned

Attorney Docket Number 97084-00026

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ³ (<i>If Known</i>)			
KR		US- 3705381	12/5/72	Pipkin	_____
KR		US- 3867836	2/25/75	Sessler, et al.	_____
KR		US- 3898840	8/12/75	McElroy	_____
KR		US- 4233843	11/18/80	Thompson, et al.	_____
KR		US- 4281547	8/4/81	Hinshaw, et al.	_____
IP		US- 4381674	5/3/83	Abts	_____
KR		US- 4445361	5/1/84	Moffett, et al.	_____
KR		US- 4461178	7/24/84	Chamuel	_____
IP		US- 4502329	3/5/85	Fukunaga, et al.	_____
KR		US- 4611492	9/16/86	Koosmann	_____
KR		US- 4689993	9/1/87	Slettemoen	_____
KR		US- 4944185	7/31/90	Clark, Jr., et al.	_____
KR		US- 5024090	6/18/91	Pettigrew, et al.	_____
IP		US- 5144838	9/8/92	Tsuboi	_____
KR		US- 5170666	12/15/92	Larsen	_____
IP		US- 5179860	1/19/93	Tsuboi	_____
KR		US- 5206806	4/27/93	Gerardi, et al.	_____
KR		US- 5214960	6/1/93	Tsuboi	_____
KR		US- 5284058	2/8/94	Jones	_____

FOREIGN PATENT DOCUMENTS

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Examiner Signature

Helen Kurek

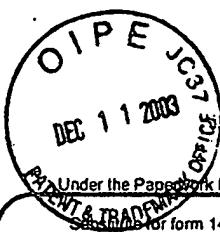
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		Filing Date	Filed herewith
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Sheet 2 of 2

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KR		US- 5355731	10/18/94	Dixon, et al.	_____
KR		US- 5425272	6/10/95	Rhodes, et al.	_____
KR		US- 5456114	10/10/95	Liu, et al.	_____
KR		US- 5520052	5/28/96	Pechersky	_____
YJ		US- 5528924	6/25/96	Wajid, et al.	_____
KR		US- 5557969	9/24/96	Jordan	_____
KR		US- 5621400	4/15/97	Corbi	_____
KR		US- 5650610	7/22/97	Gagnon	_____
KR		US- 5736642	4/7/98	Yost, et al.	_____
KR		US- 5748091	5/5/98	Kim	_____
KR		US- 5823474	10/20/98	Nunnally	_____
		US-			

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Examiner Signature	<i>Welen Kwok</i>	Date Considered	2/13/05
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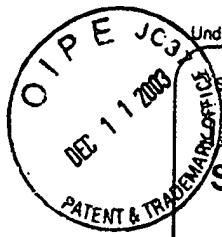
Substitute for form 1449B/PTO			Complete if Known															
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Application Number</td> <td>6,301,967</td> </tr> <tr> <td>Filing Date</td> <td>Filed herewith</td> </tr> <tr> <td>First Named Inventor</td> <td>Dimitri M. Donskoy, et al.</td> </tr> <tr> <td>Art Unit</td> <td>To be assigned</td> </tr> <tr> <td>Examiner Name</td> <td>To be assigned</td> </tr> <tr> <td colspan="2">Attorney Docket Number</td> <td>97084-00026</td> </tr> </table>			Application Number	6,301,967	Filing Date	Filed herewith	First Named Inventor	Dimitri M. Donskoy, et al.	Art Unit	To be assigned	Examiner Name	To be assigned	Attorney Docket Number		97084-00026
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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS				
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
JK		A.S. Korotkov, et al., "Variations of Acoustic Nonlinear Parameters with the Concentration of Defects in Steel", Institute of Applied Sciences, Russian Academy of Sciences, Nizhnii Novgorod, Russia, Acoustic Physics, Vol. 40, No. 1, 1994, pp. 71-74		
JK		V. Yu. Zaitsev, et al., "Nonlinear Interaction of Acoustical Waves Due to Cracks and Its Possible Usage for Cracks Detection", Institute of Applied Physics, Russian Academy of Science, Nizhny Novgorod, Russia, Journal of Vibration and Control, 1995, pp. 335-344		
JK		I. Yu. Belyayeva, "Tomography of Elastic Nonlinear Parameters of Rocks in Problems of Seismology and Seismic Prospecting", Institute of Applied Physics, Russian Academy of Sciences, N. Novgorod, Physics of the Solid Earth, Vol. 30, No. 12, July 1995, pp.1064-1071		
JK		A.M. Sutin, et al., "Nonlinear Acoustic Methods of Crack Diagnostics", Institute of Applied Physics, Russian Academy of Sciences, Nizhny Novgorod, Radiophysics and Quantum Electronics, Vol. 38, Nos. 3-4, 1995, pp. 109-120		
JK		Veniamin E. Nazarov, et al., "Nonlinear acoustics of micro-inhomogenous media", Institute of Applied Physics, Academy of Sciences of the USSR, Physics of the Earth and Planetary Interiors, 1998, pp. 65-73		
JK		Korotkov, et al., "Nonlinear Vibro-Acoustic Method for Diagnostics of Cracks in Construction Material, Acoustical Society of America, Vol. 97, No. 5, Pt. 2, May 1995, pp. 3377		
JK		V.V. Kazakov, et al., "Nonlinear Acoustic Method of Pulsing Location of Cracks", Institute of Applied Physics of RAS, Nizhny Novgorod, 1998, pp. 183-186		
JK		Alexander Sutin, "Nonlinear Acoustic Non-Destructive Testing of Cracks", Institute of Applied Physics, Russian Academy of Science, Acoustics in Perspective, 14th Intern. Symp. On Nonlinear Acoustics, China, 1996, pp. 328-333		
JK		O. Buck, et al., "Acoustic harmonic generation at unbonded interfaces and fatigue cracks", Rockwell International Science Center, Thousand Oaks, California, Appl. Phys. Lett. 33 (5), September 1, 1978, pp. 371-373		
JK		Alexander m. Sutin, et al., "Nonlinear Vibro- Acoustic Nondestructive Testing Technique", Eight International Symp. On Nondestructive Characterization of Materials, Boulder, CO, 1997, pp. 1-7		
JK		Dimitri M. Donskoy, et al., "A Nonlinear Acoustic Technique for Crack and Corrosion Detection in Reinforced Concrete", Eight Int. Symposium on Nondestructive Characteristics, Boulder, Co, 1997, pp. 1-6		

Examiner Signature	Helen Kwok	Date Considered	2/18/05
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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
(KR)		Dimitri M. Donskoy, et al., "Vibro-Acoustic Modulation Nondestructive Evaluation Technique", Davidson Laboratory, Stevens Institute of Technology, Hoboken, NJ, Journal of Intelligent Material Systems and Structures, Vol. 9, September 1998, pp. 765-771	
(KR)		A.M. Sutin, et al., "Nonlinear Acoustic Methods for Crack and Fatigue Detection", Safety Diagnostics of Underwater Construction by Using Acoustics, Seoul, Korea, 1995, pp. 43-45	
(KR)		A.S. Korotkov, et al., "Modulation of Ultrasound by Vibrations in Metal Constructions with Cracks", Institute of Applied Physics, Russian Academy of Science, Nizhny Novgorod, Russia, Acoustics Letter, Vol. 18, No. 4, 1994, pp. 59-62	
(KR)		Peter B. Nagy, "Fatigue Damage Assessment by Nonlinear Ultrasonic Materials Characterization", Department of Aerospace Engineering and Engineering Mechanics, University of Cincinnati, OH, Ultrasonics 36, 1998, pp. 373-381	
(KR)		Peter B. Nagy, et al., "Identification of Distributed Fatigue Cracking by Dynamic Crack-Closure", Progress in Quantitative Nondestructive Evaluation, Vol. 14, New York, 1995, pp. 1979-1986	
(KR)		A. Korotkov, et al., "Nonlinear Vibro-Acoustic Method for Diagnostics of Metal", Advances in Non-Linear Acoustics, World Scientific, 1993, pg. 370-375	

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